

**OPTICAL PULSE CHARACTERIZATION FOR TELECOMMUNICATIONS APPLICATIONS**

**ABSTRACT OF THE DISCLOSURE**

An apparatus and method for optical pulse characterization comprising employment of  
5 an intensity modulator receiving optical pulses, a spectrometer receiving output from the  
intensity modulator, a detector receiving output from the spectrometer, a phase shifter  
receiving a gate pulse and providing output to the intensity modulator, and information  
processing means receiving output from the detector and providing commands to the phase  
shifter.

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